Please type a plus sign (+) inside this box → [+]

PTO/SB/08A (08-00)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 3

Complete if Known	10/590703
Application Number	
Filing Date	August 24, 2006
First Named Inventor	Nobuharu OHSAWA et al.
Group Art Unit	1794
Examiner Name	Yamnitzky
Attorney Docket Number	0756-7801

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	U.S. Patent Document Number	Kind Code[2] (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/MRY/		2003/0059646		Kamatani et al.	03/27/2003	
/MRY/		2003/0068526		Kamatani et al.	04/10/2003	
/MRY/		2005/0208335		Kamatani et al.	09/22/2005	
/MRY/		6,953,628		Kamatani et al.	10/11/2005	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Foreign Patent Document Office[3]	Number[4]	Kind Code[5] (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T[6]
/MRY/		WO	2002/045466		--- --- ---	06/06/2002		Abst.
/MRY/		EP	1 349 435		--- --- ---	10/01/2003		Eng.
/MRY/		EP	1 348 711		--- --- ---	10/01/2003		Eng.

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T[2]
/MRY/		M. KULIKOVA et al., *Effects of the Nature of the Ligand Environment and Metal Center on the Optical and Electrochemical Properties of Platinum(II) and Palladium(II) Ethylenediamine Complexes with Heterocyclic Cyclometalated Ligands,* Russian Journal of General Chemistry, Volume 70, No. 2, February 2000, Pages 163-170.	
/MRY/		K. BALASHEV et al., *Synthesis and Properties of Palladium(II) and Platinum(II) (2,3-diphenylquinoxalinato-C,N) ethylenediamine Complexes,* Russian Journal of General Chemistry, Volume 69, No. 8, August 1999, Pages 1348-1349.	
/MRY/		P. STEEL et al., *Cyclometallated compounds, V*. Double cyclopalladation of diphenyl pyrazines and related ligands*, Journal of Organometallic Chemistry, Volume 395, No. 3, 1990, Pages 359-373.	
/MRY/		S. RASMUSSEN et al., *Synthesis and Characterization of a Series of Novel Rhodium and Iridium Complexes Containing Polypyridyl Bridging Ligands: Potential Uses in the Development of Multimetal Catalysts for Carbon Dioxide Reduction*, Inorganic Chemistry, Volume 29, No. 20, 1990, Pages 3926-3932.	
/MRY/		International Search Report (Application No. PCT/JP2005/009310) dated August 30, 2005	
/MRY/		Written Opinion (Application No. PCT/JP2005/009310) dated August 30, 2005	

Examiner Signature	/Marie R. Yamnitzky/ (08/08/2008)	Date Considered	08/08/2008

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Please type a plus sign (+) inside this box → [+]

PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet	2	of	3

Complete if Known	
Application Number	10/590703
Filing Date	August 24, 2006
First Named Inventor	Nobuharu OHSAWA et al.
Group Art Unit	1794
Examiner Name	Yamnitzky
Attorney Docket Number	0756-7801

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	U.S. Patent Document Number	Kind Code[2] (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/MRY/		6,821,645		Igarashi et al.	11/23/2004	

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T[2]
/MRY/		FUJII, Hiroyuki et al., *04-O Efficient Red Organometallic Phosphors Bearing 2,3-Diphenylquinoxalines and their Application to Electrophosphorescent Diodes*, Korea-Japan Joint Forum, Organic Materials for Electronics and Photonics, November 3-6, 2004.	
/MRY/		TSUTSUI al., *High Quantum Efficiency in Organic Light-Emitting Devices with Iridium-Complex as a Triplet Emissive Center*, Japan Journal of Applied Physics, Vol. 38, December 15, 1999, Pages L1502-L1504.	
/MRY/		D. O'BRIEN et al., *Improved Energy Transfer in Electrophosphorescent Devices*, Applied Physics Letters, Vol. 74, No. 3, January 18, 1999, Pages 442-444.	
/MRY/		M. BALDO et al., *High-Efficiency Fluorescent Organic Light-Emitting Devices Using a Phosphorescent Sensitizer*, Nature, Vol. 403, February 17, 2000, Pages 750-753.	
/MRY/		T. TSUTSUI, *The Operation Mechanism and the Light Emission Efficiency of the Organic EL Element*, Textbook of the 3rd Seminar at Division of Organic Molecular Electronic and Bioelectronics, The Japan Society of Applied Physics, (1993), Pages 31-37.	Full
/MRY/		M. THOMPSON et al., *Phosphorescent Materials and Devices*, Proceedings of the 10th International Workshop on Inorganic and Organic Electroluminescence (EL'00), December 4-7, 2000, Pages 35-38.	
/MRY/		J. DUAN et al., *New Iridium Complexes as Highly Efficient Orange-Red Emitters in Organic Light-Emitting Diodes*, Advanced Materials, Vol. 15, No. 3, February 5, 2003, Pages 224-228.	
/MRY/		International Search Report (Application No. PCT/JP2004/018079) dated April 5, 2005	
/MRY/		Written Opinion (Application No. PCT/JP2004/018079) dated April 5, 2005	Partial

Examiner Signature	/Marie R. Yamnitzky/ (08/08/2008)	Date Considered	08/08/2008

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Please type a plus sign (+) inside this box → [+]

PTO/SB/08A (08-00)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet	3	of	3

Complete if Known	
Application Number	10/590703
Filing Date	August 28, 2006
First Named Inventor	Nobuharu OHSAWA et al.
Group Art Unit	1794
Examiner Name	Yamnitzky
Attorney Docket Number	0756-7801

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No.[1]	U.S. Patent Document Number	Kind Code[2] (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T[2]
/MRY/		G. ZHANG, et al., *Synthesis and Photoluminescence of a New Red Phosphorescent Iridium(III) Quinoxaline Complex*, Chinese Chemical Letters, Vol. 15, No. 11, Pages 1349-1352, 2004.	
/MRY/		R. LEWIS, Hawley's Condensed Chemical Dictionary, 12th ed., pp. 594 (1993)	
/MRY/		H. JAKUBKE et al., Concise Encyclopedia Chemistry, pp. 490 (1993)	
/MRY/		S. PARKER, McGraw-Hill Dictionary of Chemical Terms, 3rd ed., pp. 200 (1984)	
/MRY/		ITO et al., Asymmetric Synthesis of Helical Poly (Quinoxaline-2, 3-Diyl)s By Palladium-Mediated Polymerization of 1, 2-Diisocyanobenzenes: Effective Control of the Screw-Sense by a Binaphthyl Group at the Chain-End," Journal of the American Chemical Society, Vol. 120, pp. 11880-11893, 1998	
/MRY/		ITO et al., Living Polymerization of 1, 2-Diisocyanoarenes Promoted by (Quinoxalinyl) Nickel Complexes," Polymer Journal, Vol. 24, No. 3, pp. 297-299, 1992	

Examiner Signature	/Marie R. Yamnitzky/ (08/08/2008)	Date Considered	08/08/2008

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.